

CA Spectrum® Infrastructure Manager

CA Spectrum Infrastructure Manager helps enterprises, government agencies and service providers avoid the risk of business interruptions and cost of business-service failures by integrating service, fault and configuration management into a single tool to provide better IT service at a lower cost.

Business Value

Many IT organizations share three common challenges – how to quickly gauge the impact of issues on users and customers; how to avoid time-consuming, labor-intensive incident resolution; and how to avoid the significantly large percentage of issues caused by incorrect configuration changes. CA Spectrum meets all three business goals.

CA Spectrum delivers best-in-class infrastructure management across diverse, multi-technology networks to assure the availability of critical network services that are essential for your business applications.

Product Overview

At the core of CA Spectrum service management is functionality to model, monitor and manage relationships between the IT infrastructure, users and customers, and business services. By understanding the relationships between assets, configurations and events that affect a service, CA Spectrum is able to pinpoint which incidents have the greatest impact on the critical business service IT supports and which should get the highest priority for remediation.

Fault management is another fundamental capability for CA Spectrum. The functionality includes the ability to automatically discover network devices and map the network topology, detect and automatically correlate seemingly unrelated events to suppress unnecessary alarms, automate root cause and impact analysis for both services and users, and manage IP service technologies ranging from QoS to multicast, ATM to MPLS.

CA Spectrum configuration management is an integrated capability that eases the complexity of managing network device configurations, identifies when configuration changes violate your gold-standard policy or policies, and highlights when the unintended consequences of configuration change are the root-cause of an incident.

Delivery Approach

Reduce implementation risk by leveraging the skills of CA Services personnel to strategically install CA Spectrum. Our standard, repeatable deployments provide you with the flexibility to choose the service to best meet your business and technology needs.

- Deploy a core configuration to quickly improve staff productivity by electing the fixed price, bounded Network Management for Distributed Rapid Implementation
- Select the tailorable CA Spectrum Solution Implementation to meet your unique requirements

What's New, What's Compelling

Visualize, monitor and manage virtualized infrastructure

As IT organizations continue to seek ways to decrease costs, consolidate data center space and reduce environmental impacts, many have begun to implement virtualized infrastructure, but new challenges have emerged. New release of CA Spectrum enables IT to leverage its existing investment in infrastructure management for both physical and virtual environments.

Manage service provider MPLS core networks

Proliferation and adoption of IP services running over MPLS networks has increased dramatically in the past year, creating new challenges to the health and reliability of a critical revenue source for service providers. New CA Spectrum MPLS Transport Manager delivers a solution to address these challenges.

Integrate with a larger number of EITM solutions

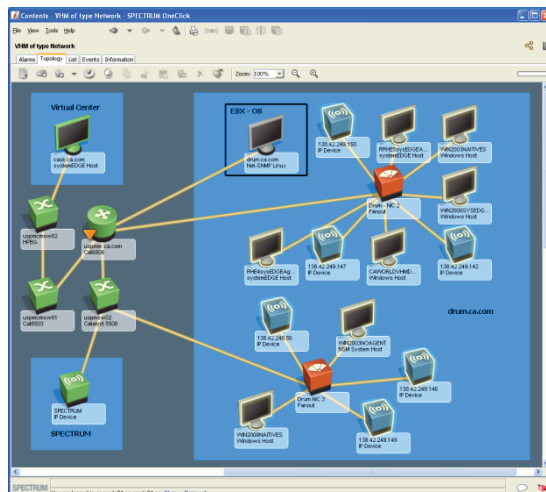
To enable Lean IT, most customers are looking to reduce the number of tools and vendor suppliers and decrease the amount of time and services associated with integrating domain-specific tools and multi-vendor IT management environments. New CA Spectrum integrations include CA Spectrum Service Assurance Manager, CA eHealth Database Performance Option, CA Catalyst, CA eHealth Traffic Accountant, and CA IT Process Automation Manager.

Features

- Service Management
 - › Service management and service impact analysis
 - › Tight integration with other CA and NMS tools
- Fault Management
 - › Device discovery and topology mapping
 - › Event correlation and root cause analysis
 - › Management of IP service technologies
- Change and Configuration Management
 - › Device configuration change management and monitoring
 - › Tight integration with root cause analysis and service impact

Figure A: CA Spectrum Highly Acclaimed User Interface

The CA Spectrum presents clear and actionable information through its highly acclaimed user interface, a single pane of glass that offers a variety of views, including a business service view for executives and senior managers, a topology view popular with network operators, and an alarm detail view for network engineers and help-desk professionals. In the example below, CA Spectrum is showing three Critical Alarms impacting a virtualized environment (two on fanouts, one on port).



Benefits

With CA Spectrum you can:

- Demonstrate value to the business by prioritizing incident remediation resources against the most important, critical business service issues
- Improve the time it takes to find and fix problems by 50% through informed and automated event correlation and root cause analysis technology
- Diminish the impact of unintended errors to network configurations, which have been shown to cause as much as 80% of all infrastructure issues

Why CA?

CA Spectrum delivers a more effective way to manage IT services and it integrates with your existing investments in CA, third-party or custom IT management tools.

CA Spectrum embodies CA's Enterprise IT Management vision to unify IT and simplify the management of infrastructures for better business results. It allows businesses to integrate infrastructure, application performance and configuration management, security and compliance to achieve predictable business services that meet the business needs of the enterprise.

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